

FIG 1

CGGCACGAGGCGCGACTGCGAGGCTGGACGYTACGGGCTCCTGGAAAGGAGACACCAGCATTTGCCACAAT
GCTGTCACTCACTGACTTTACATTTGCTTCCTGGGAGCTTGTGGTCCGCGTTGACCATCCCAATGAAGAGC
AGCAGAAAGACGTCACACTGAGAGTATCTGGAGACCTTCACGTTGGAGGAGTGATGCTCAAGTTAGTAGAA
CAGATCAATATATCCCAAGACTGGTCAGACCTTTGCTCTTTGGTGGGAACAGAAGCATTTGCTGGCTTCTGAA
AACCCACTGGACCCTGGACAAATATGGGGTCCAGGCAGATGCAAAGCTTCTCTTCACCCCTCAGCATAAAA
TGCTGCGCCTTTCGTCTGCCGAATTTGAAGATGGTGAGGTTGCGAGTCAGCTTCTCAGCTGTGGTTTTTAA
GCTGTCACTGATATCTGCAAAATCCTGAATATTAGAAGATCAGAAGAGCTTTCCTTGTTAAAGCCGTCTGG
TGACTATTTTAAAGAAGAAGAAAAAGACAAAAATAATAAGGAACCCATAATTGAAGATATTCTAAACC
TGGAGAGTTCTCCAACAGCTTCAGGTTTCATCAGTAAGTCTGGTTTATACAGTAAACCATGACCCCTATA
TATGACCCCATCAATGGAACACCAGCATCATCCACCATGACTTGGTTCACTGACAGCCCTTTGACGGAACA
AAACTGCAGCATCCTCGCATTCAGCCAACCCCCAGTCCCAAGCACTTGCAGATATGTACCAGCCTC
GGTCTCTGGTTGATAAAGCCAAGCTCAATGCAGGTTGGCTAGACTCCTCAGCTCCCTTATGGAACAAGGC
ATCCAAGAGGATGAGCAGCTGCTCTTACGATTTAAATATTATTCTTTCTTCGACTGAATCCTAAATATGA
TGCTGTCCGAATAAACCAACTCTATGAGCAAGCCAGGTGGGCCATTCTCTTAGAAGAAATTGATTGCACAG
AGGAAGAAATGTTGATCTTTGCAGCTCTACAGTACCACATTAGCAAAGTGTCTGCTGCTGAAACACAG
GATTTTGCAGGCGAGTCCGAGGTTGATGAAATAGAAGCGGCGCTTTCTAATTGGAAGTAACCCCTAGAAGG
TGGAAAAGCGGACAGCCTTTTGGAGGACATTACTGATATCCCTAAACTTGCAGATAATCTCAAATTATTTA
GGCCCAAGAAGTTACTACCAAAAGCTTTCAAACAATATTGGTTTATCTTTAAAGACACATCCATAGCATAC
TTTAAAAATAAGGAACCTGAACAAGGAGAACCCTAGAAAACTAAATCTTAGAGGCTGCGAAGTTGTGCC
CGATGTAAATGTAGCAGGAAGAAAAATTTGGAATCAAGTTACTAATCCCTGTTGCCGATGGTATGAATGAAA
TGTATTTGAGATGTGACCATGAGAATCAATACGCCCAATGGATGGCTGCCTGCATGTTGGCATCGAAGGGC
AAAACCATGGCAGACAGCTCCTACCAGCCAGAGGTCTCAACATCCTTTCAATTTCTGAGGATGAAAAACAG
GAACCTCTGCATCTCAGGTGGCTTCCAGTCTCGAAAACATGGATATGAACCCAGAATGTTTTGTGTCACCAC
GGTGTGCAAAGAAACACAAATCCAAACAGCTGGCCGCCCGGATCCTGGAGGCGCACCAGAAGCTGGCCAG
ATGCCCTGGTGAAGCCAAGCTGCGGTTTCATCCAGGCGTGGCAGTCACTGCCTGAGTTTGGCCTCACCTA
CTACCTTGTGAGATTTAAAGGAAGCAAAAAAGATGACATTCTGGGAGTTTTCATATAACAGGTTGATTA
TTGATGCAGCCACCGGGATTCCAGTGACAACATGGAGATTACAAATATCAAACAGTGAATGTAACTGG
GAAACCCGGCAGGTGGTCATCGAGTTTGACCAAAACGTCTTTACTGCTTTACCTGCCTGAGTGCAGATTG
CAAGATTGTGCACGAGTACATTGGCGGCTACATTTTCTGTCCACCCGCTCCAAGGACCAGAATGAAACAC
TCGATGAGGACTTGTTCCACAAATTGACCGGCGGTGAGGATTAA

FIG. 2

MLSSTDFTFASWELVVRVDHPNEEQKDVTLRVSGDLHVGGVMLKLVEQINISQDWSDFALWWEQKHWCW
LKTHWTLDKYGVQADAKLLFTPQHKMLRLRLPNLKMVRLRVFSFSAVVFKAUSDICKILNIRSEELSLK
PSGDYFKKKKKDKNNKEPIIEDILNLESSPTASGSSVSPGLYSKTMPTIYDPINGTPASSTMTWFSDSP
LTEQNCSILAFSPPQSPEALADMYQPRSLVDKAKLNAGWLDSSRSLMEQGIQEDEQQLLLRFKYYSFFDL
NPKYDAVRINQLYEQARWAILLEEIDCTEEEMLI FAALQYHISKLSLSAETQDFAGESEVDEIEAALS
EVTLEGGKADSLLEDITDIPKLADNLKLEFRPKLLPKAFKQYWFIFKDTSIAYFKNKELEOGEPEKLN
RGCEVVPDENVAGRKFGIKLLIPVADGMNEMYLRCDHENQYAOQWMAACMLASKGKTMDSSYQPEVLN
SFLRMKNRNSASQVASSLENMDMNPCECFVSPRCAKHKHKSQLAARILEAHQNVQMPLEAKLRFIQAWQ
SLPEFGLTYLLVRFKGSKKDDILGVSYNRLIKIDAATGIPVTTWRFTNIKQWNVNWETRQVVFEDQNVF
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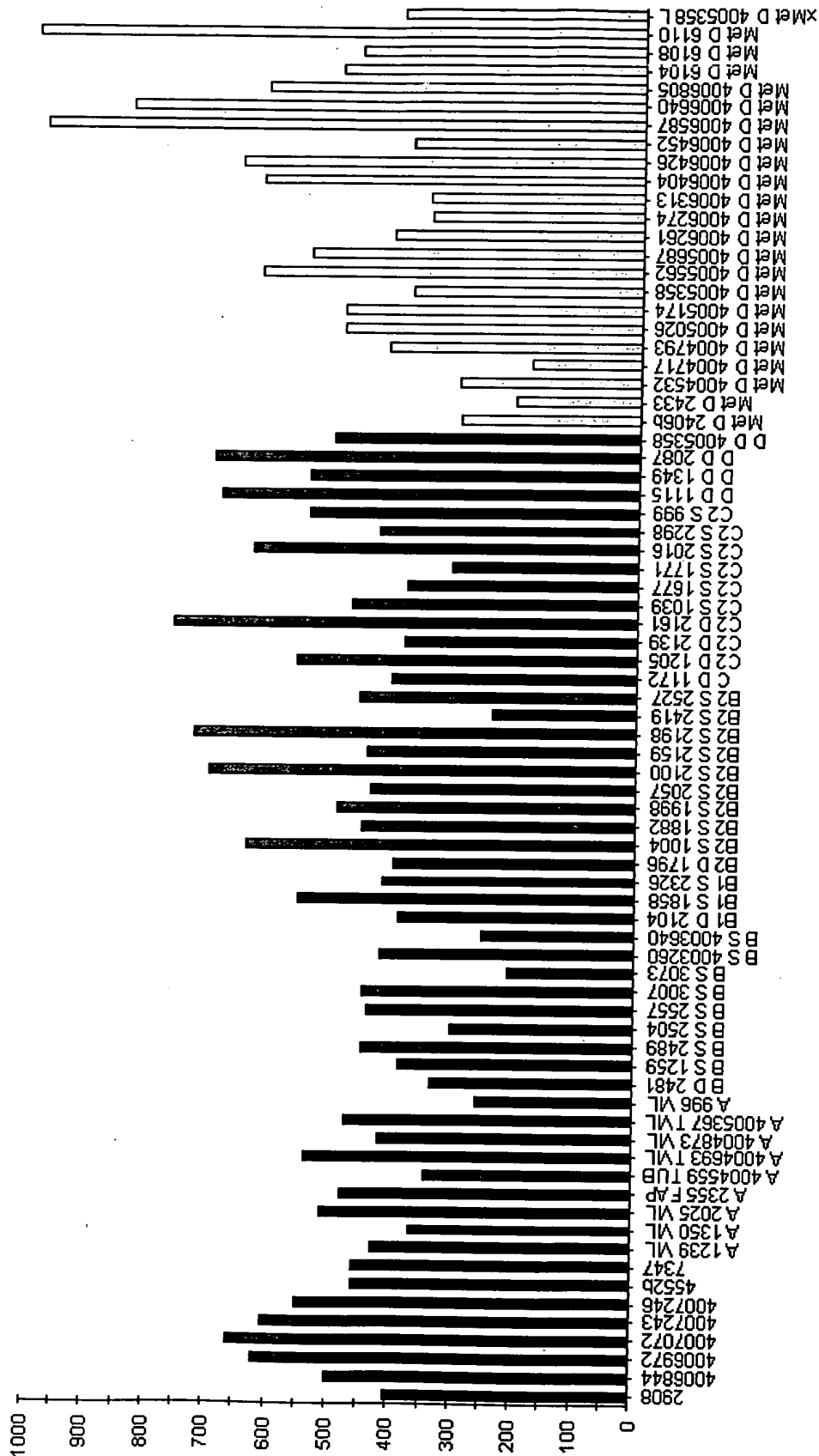


FIG. 3A

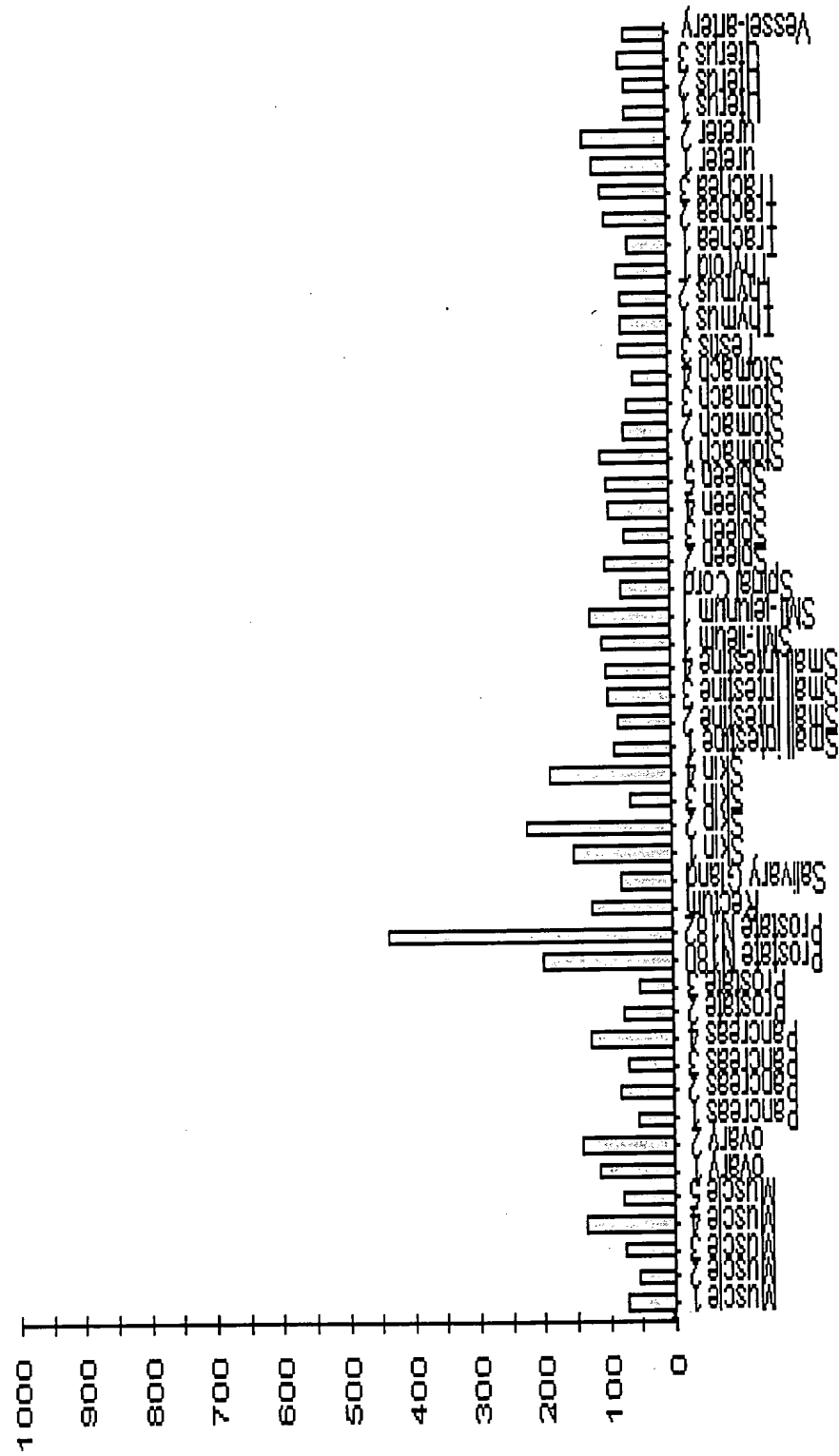


FIG. 3C